

The final project proposal is intended to clarify goals and expectations for your project. While there isn't a hard limit on size, it will probably be approximately a page in length. To the best of your ability,

A complete project proposal should do the following:

Identify the topic – You may select a topic from the previously published list or come up with your own ideas. You should also identify the constraints of your topic. Volunteered ideas should be comparable in difficulty to those provided in the official list. Groups that select the same topic will be required to differentiate their work in some significant way.

- Which aspects do you intend to investigate?
- Which elements will go unaddressed?

Identify the project members – The projects are intended for teams of two or three.

- Who are the members of your project group?

Identify responsibilities – Projects have three primary components: programming, writing & the presentation. All members must participate actively in the presentation. Beyond that, you may divide the work based on your own decisions. From personal experience, I recommend having somewhat overlapping & flexible roles. For example, Alice is the primary coder & report proof reader while Bob is the primary writer (drafts the report) secondary coder (refines the comment docs, works on the output methods). Both work on designing the classes & presentation.

- Which tasks are assigned to each member of the group?

Identify success – It's difficult to succeed without having clear goals. Think ahead to the presentation phase & determine what you want to be able to demonstrate.

- What are the overall goals of your project?
- How can you show that your software addresses your goals?